

## ABSTRACT

A general purpose modified single board computer (MSBC) device for operational and performance enhancement of computer systems. The modification configures the bus interface function of the (MSBC) such that it can reside on the expansion-bus of a host computer system and operate as an add-in card to the hosting system. This device provides the means to employ the resources of a full computer system, to enhance the operation and performance of an information system hosting this device. The MSBC permits a "system in system" architecture thus efficiently enabling advanced capabilities for existing and future computer and information systems.